FIG 1

segment 16-bit thermometer code	binany output node		decimal code	segment number of the segmented the mometer code
segment number				
p=3 $p=2$ $p=1$ $p=0$			l .	
MSB (MSS) (LSS) LSB	MSB	LSB		The State of the Court of the C
0000 0000 0000 0001	00	00	0	
0000 0000 000D 0011	00	. 01	1	00 (0)
0000 0000 0000 0111	00	10	2	
0000 0000 0000 1111	00	. 11	3	
<u> </u>	- 15			
0000 0000 0001 1111	01	00	4	
0000 0000 0011 1111	ָרַס	01	5	Ο̈́τ (1) <sub>.</sub>
0000 0000 0111 1111	01	10	6	
0000 0000 1111 1111	01	17.	7	
	en de sinson particular.			
0000 0001 1111 1111	10	00	8	and the second of the second o
0000 0011 1111 1111	10	01	9.	1
0000 0111 1111 1111	10	10	10	10 (2)
0000 1111 1111 1111	10	11	11	
manufacture and the second second second				
0001 1111 1111 1111	11	00	12	
0011 1111 1111 1111	11	01	13	11 (3)
0111 1111 1111 1111	11	10	14	
1111 1111 1111 1111	11	11	15	

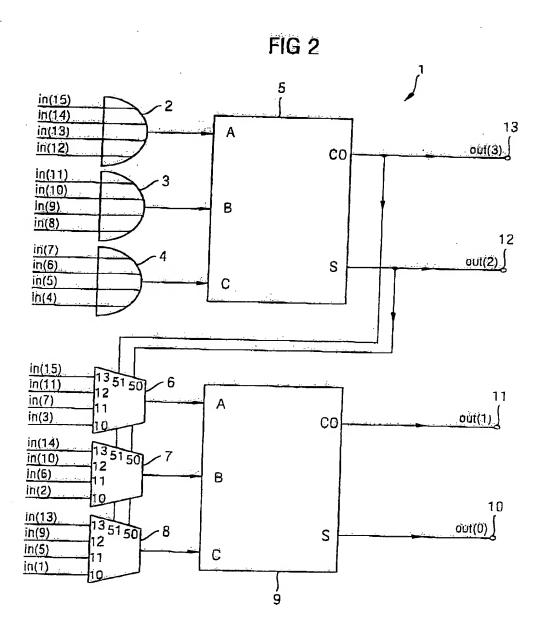


FIG 3

segmented 16-bit thermometer code	determined value of the decimal code	correct value of the decimal code	segment number of the segmented thermometer code		
segment number		1	The second of the second of		
p=3 $p=2$ $p=1$ $p=0$	N Company of C		l p		
MSB (MSS) (LSS) LSB	MSB LSB				
0000 0000 0000 0001	0	0			
0000 0000 0000 0010	. 1.	1	1		
0000 0000 0000 0101	2	2	00 (0)		
0000 0000 0000 1011		3			
<u> </u>					
0000 0000 0001 0111	4	4	01 (1)		
0000 0000 0010 1111	5	5			
0000 0000 0101 1111	. 5	6			
0000 0000 1011 1111	6	7			
0000 0001 0111 1111	8	8			
0000 0010 1111 1111	9	9	10 (2)		
0000 0101 1111 1111	. 9	10			
0000 1011 1111 1111	10	. 11			
*					
0001 0111 1111 1111	12	1.2	<u> </u>		
010 1111 1111 1111 13		13	11 (3)		
0101 1111 1111 1111	13 14		11 (3)		
1011 1111 1111 1111	14	15			

